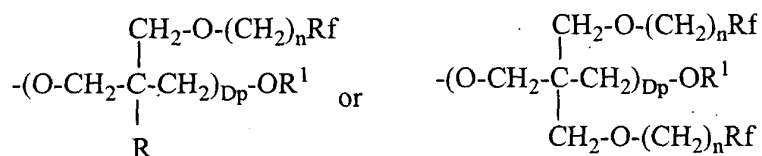


## IN THE CLAIMS:

Please amend the claims as follows.

1. (Currently Amended) A monohydric polyfluorooxetane oligomer composition, comprising:

a unit, derived from a fluorooxetane monomer, having the formula



or combinations thereof, where  $\text{R}^1$  is derived from a co-initiator solvent monoalcohol, wherein said composition is derived from a solution having less than about 10% by weight of a non-initiator solvent based upon the total weight of said non-initiator solvent and said monoalcohol,

where  $\text{Dp}$  is from about 2 to about 20, where each  $n$  is the same or different and ~~independent~~ independently is an integer from 1 to about 6,  $\text{R}$  is hydrogen or an alkyl of 1 to 6 carbon atoms, and each  $\text{Rf}$  is the same or different and independently on each repeat unit is a linear or branched fluorinated alkyl of 1 to 20 carbon atoms, a minimum of 75 percent of the non-carbon atoms of the alkyl being fluorine atoms and optionally the remaining non-carbon atoms being H, I, Cl, or Br, and

said monohydric polyfluorooxetane oligomer optionally including at least a comonomer unit derived from a monomer containing at least an epoxy (oxirane) functionality, a monomer having a 4-membered cyclic ether group (oxetane); a monomer having a 5-membered cyclic ether group, 1,4-dioxane,

1,3-dioxane, 1,3-dioxalane, trioxane, or caprolactone; or combinations thereof, in an amount of from about 0.1% to about 10% by weight based upon the total weight of said comonomer and said fluorooxetane monomer, and

said composition having less than about 10% by weight of a cyclic oligomer therein based upon the total weight of said oligomer, and any polymer, or copolymer produced.

2. (Previously Amended) A monohydric polyfluorooxetane oligomer composition according to claim 1, wherein said  $R^1$  is derived from said co-initiator solvent monoalcohol comprising an organic alcohol, a polymeric alcohol, a tetrafluoroethylene based telomer fluoroalcohol, or combinations thereof, and wherein the amount of any cyclic oligomer is less than about 8% by weight.

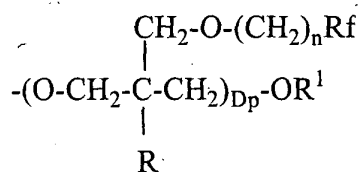
3. (Original) A monohydric polyfluorooxetane oligomer composition according to claim 2, wherein said organic alcohol has from 1 to 40 carbon atoms, wherein said polymeric alcohol contains repeat units derived from an alkylene oxide having from 2 to 6 carbon atoms and the number of repeat groups is from about 3 to about 30, and wherein said tetrafluoroethylene based telomer is  $CF_3CF_2(CF_2CF_2)_xCH_2CH_2OH$  where x is from 1 to about 19,

wherein said  $D_p$  is from about 2 to about 10, and

wherein each  $R_f$  is the same or different and independently is a linear or branched fluorinated alkyl having from 1 to about 15 carbon atoms, said composition having less than about 5% by weight of cyclic oligomer.

4. (Currently Amended) A monohydric polyfluorooxetane oligomer composition according to claim 3, wherein said R<sup>1</sup> is derived from benzyl alcohol, trifluoroethanol, ~~ally~~ allyl alcohol, heptafluorobutanol, pentafluoropropanol, pentafluorobutanol, nonafluorohexanol, various perfluoroalkylethanol, or combinations thereof, and said composition having less than about 3% by weight of cyclic oligomer.

5. (Previously Amended) A monohydric polyfluorooxetane oligomer composition according to claim 4, wherein said unit derived from said fluorooxetane monomer is said



wherein n is 1 to about 3, wherein R is methyl or ethyl, and wherein Rf contains from 1 to about 8 carbon atoms, wherein Rf contains a minimum of 85% of the non-carbon atoms of the alkyl being fluorine atoms, wherein said Dp is from about 2 to about 4, and said composition having less than about 1% by weight of cyclic oligomer.

6. (Previously Amended) A monohydric polyfluorooxetane copolymer composition according to claim 1, including at least one of said comonomers.

7. (Previously Amended) A monohydric polyfluorooxetane copolymer composition according to claim 3, including said comonomer and wherein said comonomer is tetrahydrofuran.

8. (Previously Amended) A monohydric polyfluorooxetane copolymer composition according to claim 5, including said comonomer and wherein said comonomer is tetrahydrofuran.

9. (Previously Amended) A composition according to claim 1, wherein said amount of said non-initiator solvent is less than about 5% by weight based upon the total weight of said non-initiator solvent and said co-initiator solvent monoalcohol.

10. (Previously Amended) A composition according to claim 3, wherein said amount of said non-initiator solvent is less than about 5% by weight based upon the total weight of said non-initiator solvent and said co-initiator solvent monoalcohol.

11. (Previously Amended) A composition according to claim 5, wherein said amount of said non-initiator solvent is less than about 3% by weight based upon the total weight of said non-initiator solvent and said co-initiator solvent monoalcohol.

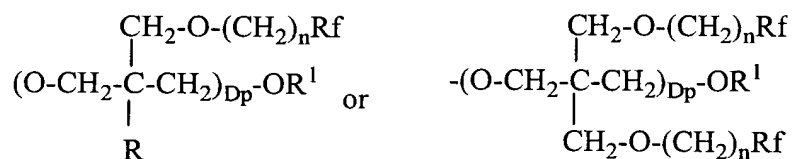
12. (Previously Amended) A composition according to claim 6, wherein said amount of said non-initiator solvent is less than about 5% by weight based upon the total weight of said non-initiator solvent and said co-initiator solvent monoalcohol.

13. (Previously Amended) A composition according to claim 7, wherein said amount of said non-initiator solvent is less than about 5% by weight based upon the total weight of said non-initiator solvent and said co-initiator solvent monoalcohol.

14. (Previously Amended) A composition according to claim 8, wherein said amount of said non-initiator solvent is less than about 3% by weight based upon a total weight of said non-initiator solvent and said co-initiator solvent monoalcohol.

15. (Currently Amended) A monohydric polyfluorooxetane oligomer or polymer composition, comprising:

a unit, derived from a fluorooxetane monomer, having the formula



or combinations thereof, where  $\text{R}^1$  is derived from a co-initiator solvent monoalcohol, wherein said composition is derived from a solution having less than

about 10% by weight of a non-initiator solvent based upon the total weight of said non-initiator solvent and said co-initiator solvent monoalcohol,

where  $D_p$  is from 2 to about 150, where each  $n$  is the same or different and ~~independent~~ independently is an integer from 1 to about 6,  $R$  is hydrogen or an alkyl of 1 to 6 carbon atoms, and each  $R_f$  is the same or different and independently on each repeat unit is a linear or branched fluorinated alkyl of 1 to 20 carbon atoms, a minimum of 75 percent of the non-carbon atoms of the alkyl being fluorine atoms and optionally the remaining non-carbon atoms being H, I, Cl, or Br, and

said oligomer or polymer optionally including at least one comonomer unit derived from a monomer containing at least an epoxy (oxirane) functionality, a monomer having a 4-membered cyclic ether group (oxetane); a monomer having a 5-membered cyclic ether group, 1,4-dioxane, 1,3-dioxane, 1,3-dioxalane, trioxane, or caprolactone; or combinations thereof, in an amount of from about 0.1% to about 10% by weight based upon the total weight of said comonomer and said fluorooxetane monomer.

16. (Previously Amended) A monohydric polyfluorooxetane composition according to claim 15, wherein said  $R^1$  is derived from said co-initiator solvent monoalcohol comprising an organic alcohol, a polymeric alcohol, a tetrafluoroethylene based telomer fluoroalcohol, or combinations thereof, and wherein said  $D_p$  is from 2 to about 50.

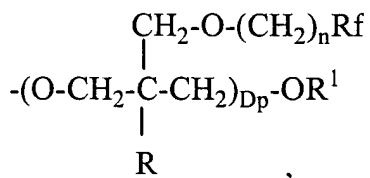
17. (Original) A monohydric polyfluorooxetane composition according to claim 16, wherein said organic alcohol has from 1 to 40 carbon atoms, wherein said polymeric alcohol contains repeat units derived from an alkylene oxide having from 2 to 6 carbon atoms wherein the number of said repeat groups is from about 3 to about 30, and wherein said tetrafluoroethylene based telomer is  $\text{CF}_3\text{CF}_2(\text{CF}_2\text{CF}_2)_x\text{CH}_2\text{CH}_2\text{OH}$  where x is from 1 to about 19,

wherein said Dp is from about 2 to about 20, and

wherein each Rf is the same or different and independently is a linear or branched fluorinated alkyl having from 1 to about 15 carbon atoms.

18. (Previously Amended) A monohydric polyfluorooxetane composition according to claim 17, wherein said R<sup>1</sup> is derived from benzyl alcohol, trifluoroethanol, allyl alcohol, heptafluorobutanol, pentafluoropropanol, pentafluorobutanol, nonafluorohexanol, various perfluoroalkylethanol, or combinations thereof, wherein the amount of said non-initiator solvent is less than about 5% by weight, and including said comonomer.

19. (Previously Amended) A monohydric polyfluorooxetane composition according to claim 18, wherein said oligomer is said



wherein n is 1 to about 3, wherein R is methyl or ethyl, wherein R<sub>f</sub> contains from 1 to about 8 carbon atoms and has at least 85% of the non-carbon atoms being fluorine atoms, and wherein said comonomer is tetrahydrofuran.

20. (Previously Amended) A monohydric polyfluorooxetane oligomer or polymer composition according to claim 15, wherein said composition contains an amount of a cyclic oligomer which is less than about 8% by weight based upon the total weight of said polyfluorooxetane oligomer, polymer, or any copolymer produced.

21. (Previously Amended) A monohydric polyfluorooxetane oligomer composition according to claim 17, wherein said composition contains an amount of a cyclic oligomer which is less than about 8% by weight based upon the total weight of said polyfluorooxetane oligomer, polymer, or any copolymer produced.

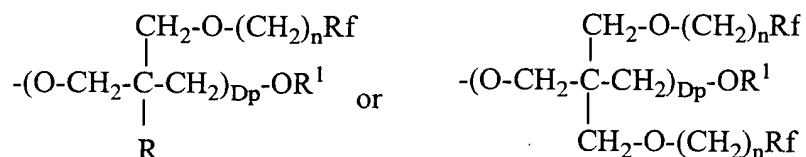
22. (Previously Amended) A monohydric polyfluorooxetane oligomer composition according to claim 19, wherein said composition contains an amount of a cyclic oligomer which is less than about 2% or less by weight based upon the total weight of said polyfluorooxetane oligomer, polymer, or any copolymer produced.

23 through 74 (Cancelled)



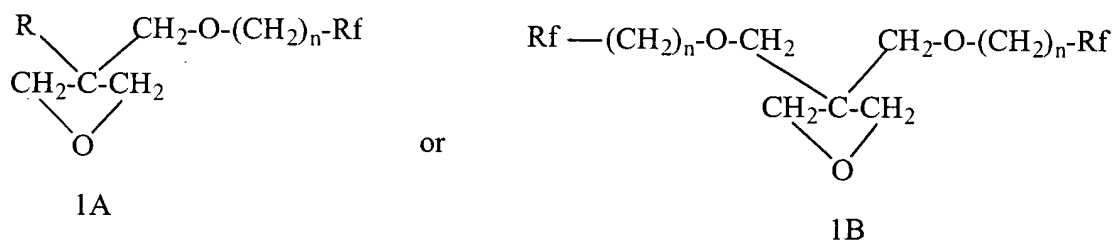
75. (Previously Added) A monohydric polyfluorooxetane oligomer composition, comprising:

a unit, derived from a fluorooxetane monomer, having the formula



where Dp is from about 2 to about 20, where each n is the same or different and independent is an integer from 1 to about 6, R is hydrogen or an alkyl of 1 to 6 carbon atoms, and each Rf is the same or different and independently on each repeat unit is a linear or branched fluorinated alkyl of 1 to 20 carbon atoms, a minimum of 75% of the non-carbon atoms of the alkyl being fluorine atoms and optionally the remaining non-carbon atoms being H, I, Cl, or Br,

said oligomer made by reacting a fluorooxetane monomer with a co-initiator solvent monoalcohol either free of a non-initiator solvent or in the presence of less than 10% by weight of a non-initiator solvent based upon the total weight of said non-initiator solvent and said co-initiator solvent monoalcohol, said fluorooxetane monomer having the formula



where R, Rf, and n are as set forth herein above, and

optionally reacting said fluorooxetane monomer with at least one comonomer of an oxirane, a monomer having a 4-membered cyclic ether group (oxetane), a monomer having a 5-membered cyclic ether group, 1,4-dioxane, 1,3-dioxane, 1,3-dioxalane, trioxane, or caprolactone, or combinations thereof, in an amount of from about 0.1% to about 10% by weight based upon the total

weight of said comonomer and said fluorooxetane monomer.

76. (Currently Amended) A monohydric polyfluorooxetane oligomer composition according to claim 75, wherein said R<sup>1</sup> is derived from said co-initiator solvent monoalcohol comprising an organic alcohol, a polymeric alcohol, a tetrafluoroethylene based ~~telomere~~ telomer fluoroalcohol, or combinations thereof, and

wherein said amount of said non-initiator solvent is less than about 5% by weight based upon the total weight of said non-initiator solvent and said co-initiator solvent monoalcohol.

77. (Currently Amended) A monohydric polyfluorooxetane oligomer composition according to claim 76, wherein said organic alcohol has from 1 to 40 carbon atoms, wherein said polymeric alcohol contains repeat units derived from an alkylene oxide having from 2 to 6 carbon atoms and the number of repeat groups is from about 3 to about 30, and wherein said tetrafluoroethylene based ~~telomere~~ telomer is  $\text{CF}_3\text{CF}_2(\text{CF}_2\text{CF}_2)_x\text{CH}_2\text{CH}_2\text{OH}$  where x is from 1 to about 19,

wherein said Dp is from about 2 to about 10, and

wherein each R<sub>f</sub> is the same or different and independently is a linear or branched fluorinated alkyl having from 1 to about 15 carbon atoms, and including said comonomer and wherein said comonomer is tetrahydrofuran.

78. (Previously Added) A monohydric polyfluorooxetane oligomer composition according to claim 77, wherein said amount of said non-initiator solvent is less than about 3% by weight based upon the total weight of said non-initiator solvent and said co-initiator solvent monoalcohol.

### REMARKS

Claims 1, 4, 15, 76, and 77 have been amended to correct typographical errors.

In claims 1 and 15 "independent" was corrected to - independently--.

In claim 4 the word "ally" was corrected to --allyl -- .

In claims 76 and 77 "telomere" was corrected to --telomer -- .

Entry of this amendment is respectfully requested inasmuch as it is being made before payment of the issue fee, generally relates to formal matters and does not change the scope of the claims, nor require additional search. The amendment further does not withdraw the case from issue.

Respectfully submitted, .

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